

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042321\
 Data File : VU043286.D
 Acq On : 23 Apr 2021 12:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005145

Manual Integrations
 APPROVED

MMDadoda
 4/26/2021 2:45:42 PM

Quant Time: Apr 24 06:25:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 23:39:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	111327	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.427	117	111263	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	61302	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	29741	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.919	69	26345	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.575	65	19982	6.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	122.00%
20) 2-Butanone-d5	4.649	46	139082	56.01	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.02%
24) Chloroform-d	5.076	84	84049	5.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.80%
26) 1,2-Dichloroethane-d4	5.713	65	53744	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
32) Benzene-d6	5.739	84	151979	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.40%
36) 1,2-Dichloropropane-d6	6.700	67	50403	5.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.40%
41) Toluene-d8	7.906	98	138595	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloroprop...	8.189	79	21231	5.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.00%
46) 2-Hexanone-d5	8.642	63	101595	53.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.38%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	46735	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.60%#
66) 1,2-Dichlorobenzene-d4	12.201	152	54677	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	37046	5.19	ug/L	100
3) Chloromethane	1.523	50	32997	4.70	ug/L	98
5) Vinyl chloride	1.610	62	34120	4.66	ug/L	97
6) Bromomethane	1.864	94	19101	4.38	ug/L	99
8) Chloroethane	1.941	64	21143	4.01	ug/L	98
9) Trichlorofluoromethane	2.147	101	58574	4.30	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	38460	5.23	ug/L	95
12) 1,1-Dichloroethene	2.588	96	32917	5.32	ug/L	# 66
13) Acetone	2.658	43	88255m	48.37	ug/L	
14) Carbon disulfide	2.803	76	82153	5.21	ug/L	96
15) Methyl Acetate	2.961	43	22846	6.66	ug/L	# 78
16) Methylene chloride	3.054	84	39608	4.95	ug/L	82
17) Methyl tert-butyl Ether	3.375	73	99319	4.91	ug/L	# 94
18) trans-1,2-Dichloroethene	3.366	96	33977	5.15	ug/L	90
19) 1,1-Dichloroethane	3.883	63	74685	5.20	ug/L	98
21) 2-Butanone	4.726	43	153046	50.83	ug/L	81
22) cis-1,2-Dichloroethene	4.678	96	39035	5.00	ug/L	89
23) Bromochloromethane	4.986	128	19115	5.36	ug/L	# 77
25) Chloroform	5.099	83	79335	5.18	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	59351	5.28	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	67867	4.94	ug/L #	94
30) Cyclohexane	5.398	56	57530	4.89	ug/L	86
31) Carbon tetrachloride	5.536	117	57000	4.98	ug/L	98
33) Benzene	5.784	78	149864	5.03	ug/L	100
34) Trichloroethene	6.552	95	39723	4.85	ug/L	97
35) Methylcyclohexane	6.774	83	53596	4.73	ug/L #	88
37) 1,2-Dichloropropane	6.800	63	44127	5.27	ug/L	97
38) Bromodichloromethane	7.115	83	58338	5.19	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	61143	5.00	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	397322	53.02	ug/L #	83
42) Toluene	7.980	91	163211	4.91	ug/L	94
44) trans-1,3-Dichloropropene	8.218	75	56450	4.89	ug/L	96
45) 1,1,2-Trichloroethane	8.411	97	33511	5.36	ug/L	96
47) Tetrachloroethene	8.562	164	30968	4.77	ug/L	97
48) 2-Hexanone	8.694	43	327382	59.38	ug/L #	83
49) Dibromochloromethane	8.819	129	39746	5.03	ug/L	97
50) 1,2-Dibromoethane	8.931	107	32237	5.18	ug/L #	99
51) Chlorobenzene	9.456	112	103725	4.89	ug/L	91
52) Ethylbenzene	9.578	91	179395	4.71	ug/L	97
53) m,p-Xylene	9.703	106	66855	4.80	ug/L	89
54) o-Xylene	10.108	106	65995	4.78	ug/L	91
55) Styrene	10.121	104	114316	4.84	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.790	83	44703	5.43	ug/L	97
59) Bromoform	10.301	173	24959	4.98	ug/L	97
60) Isopropylbenzene	10.491	105	178642	4.54	ug/L	98
61) 1,2,3-Trichloropropane	10.832	75	32702	5.16	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	144033	4.48	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	148161	4.48	ug/L	96
64) 1,3-Dichlorobenzene	11.755	146	89805	4.81	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	89810	4.74	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	87127	4.80	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.002	75	8378	5.43	ug/L #	84
69) 1,3,5-Trichlorobenzene	13.227	180	70436	4.60	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	60844	4.80	ug/L	99
71) Naphthalene	14.095	128	115320	5.39	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	59998	5.16	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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